

MEL'NIKOVA, T.N.; STANCHUL, T.A. Prinimali uchastiye GORYUNOVA, Z.P.  
PROKHOROVA, D.S.; RAFES, I.P.; UTEKHINSKAYA, K.I.; LUPOV,  
S.P., red.

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the Academy of Sciences of the U.S.S.R. published in 1940-  
1963] Katalog inostrannykh geograficheskikh atlasov Biblioteki  
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1965. 164 p. (MIRA 18:3)

1. Akademiya nauk SSSR. Biblioteka. 2. Otdel kartografii  
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LUPPOV, V.F. (Moskva)

Stability of underground multiple-hinged pipes with flat sections.  
Stroi.mekh.i rasch.skor. 5 no.2123-28 '63. (MIRA 16:6)  
(Pipe) (Stability)

LUPPOV, V.P.

Eliminate the defects which hinder the introduction of remote control.  
Transpi stroi. 12 no.11:53-54 N '62. (MIRA 15:12)

1. Glavnnyy inzhener Vsesoyuznogo tresta elektromontazhnykh rabot  
Glavmontazhstroya Ministerstva transportnogo stroitel'stva SSSR.  
(Electric railroads) (Remote control)

БОГДАН, А. Н.

"Termites of Turkmenistan and Measures for Controlling Them." Cand. Sci., Moscow  
Order of Lenin State University M. V. Lomonosov, 19 Feb 54. Dissertation (Землеройные  
насекомые Туркменской ССР и меры борьбы с ними)

SO: SUH 186, 19 Aug 1954

LUPPOVA, A.N.

Materials on the biology of the Turkestan termite *Anacanthotermes turkestanicus* Jacobs. (Isoptera) and its distribution in Turkmenia.  
Ent. oboz. 33:142-156 '53. (MLRA 7:5)

1. Sektor zoologii Biologicheskogo instituta Akademii nauk Turkmenskoy SSR, Ashkhabad. (Turkestan--Termites) (Termites--Turkestan)

LUPPOVA, A.N.

Data on the biology of the large trans-Caspian termite *Anacanthotermes ahngerianus* Jacobs (Isoptera, Hodotermitidae) and its occurrence in Turkmenistan. Ent. oboz. 34:56-66 '55. (MIRA 9:5)

1. Sektor zoologii Institut biologii Akademii nauk Turkmeneskoy SSR,  
Ashkhabad.

(Turkmenistan--Termites)

LUPPOVA, A.N.

Termites of Turkmenistan. Trudy Inst. zool. i paraz. AN Turk. SSR 2:  
81-144 '58. (MIRA 17:2)

LUPPOVA, A.N.

All-Union Conference on the Study of Termites. Izv. AN Turk. SSR.  
Ser. biol. nauk no.1:80-81 '61. (MIRA 14:8)

1. Institut zoologii i parazitologii AN Turkmeneskoy SSR.  
(TERMITES--CONGRESSES)

ISHADOV, N., nauchnyy sotrudnik; MARININA, L., nauchnyy sotrudnik;  
SHENKMAN, F., starshiy nauchnyy sotrudnik; LUPPOVA, A.N.  
nauchnyy sotrudnik

Labor's friends and enemies in the desert. Tekh.mol. 29  
no.10:24-25 '61. (MIRA 14:10)

1. Sektor mlekopitayushchikh AN Turkmeneskoy SSR (for Ishadov,  
Marinina). 2. Akademiya nauk Turkmeneskoy SSR 'for Shenkman,  
Luppoval.  
(Kara Kum--Rodentia) (Turkmenistan--Fish culture)  
(Turkmenistan--Termites)

SHTEYNBERG, D.M., prof., red.; LUPPOVA, A.N., kand. biol. nauk, red.;  
NASIBOVA, S.G., red. Izd-va; IVONTYEVA, G.A., tekhn. red.

[Termites and their control; papers] Termity i mery bor'by s ni-  
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1. Vsesoyuznoye soveshchaniye po izucheniyu termitov SSSR i  
razrabotke protivotermitnykh meropriyatiy. 1st, Ashkhabad, 1960.  
(Termites--Extermination--Congresses)

SHTEYNBERG, D.M., prof., red., nauchnyy sotr.; LUPPOVA, A.N.,  
biol. nauk, nauchnyy sotr., red.; NASIROVA, S.G., red. iza-  
va; IVONT'YEVA, G.A., tekhn. red.

[First All-Union Conference on the Study of Termites in the  
U.S.S.R. and on Control Measures Against Them] Doklady Pervogo  
Vsesoyuznogo soveshchaniia po izucheniiu termitov SSSR i raz-  
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razrabotke protivotermitnykh meropriyatii. 1st, Ashkhabad, 1960.-
2. Institut zoologii i parazitologii Akademii nauk Turkmenskoy  
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(MIRA 18:2)  
1. Institut zoologii i parazitologii AN Turkmeneskoy SSR.

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Role of the humidity factor on the effect of insecticides (Benzene hexachloride and M-74) on vegetative cells. Dokl. Akad. sel'khoz. 24 no.4:41-43 '59. (MIRA 12:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zashchity rasteniy. Predstavlena chlenom-korrespondentom Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk im. V.I. Lenina I.M. Polyakovym. (Plants, Effect of insecticides on)

LUFFPOVA, N. N. and DUKHANINA, N. N.

"The Problem of Relapses of Tertian Malaria in the Central Part of the RSFSR",  
Med. Paraz. i Paraz. Bolez., Vol. 17, No. 5, pp 400-08, 1948.

LUPPOVA, N.N. (Cheboksary).

Results of controlling malaria and helminthiasis in Chuvash A.S.S.R. in 1952.  
Med.paraz.i paraz.bol. no.4:313-317 Jl-Ag '53. (MLRA 6:9)  
(Chuvashia--Malarial fever) (Malarial fever--Chuvashia)  
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parasitic--Chuvashia)

LUPPOVA, N.N.; ZAKHAROVA, M.Z.

Republic conference of malaricologists in Shumerlia District of the Chuvash  
A.S.S.R. Med.paraz.i paraz.bol. no.5:479 S-0 '53. (MLRA 6:12)  
(Chuvash A.S.S.R.--Malarial fever) (Malarial fever--Chuvash A.S.S.R.)

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Some characteristics of the epidemiology of malaria and its control  
during the period of eradication [with summary in English].  
Med. paraz. i paraz. bol. 27 no.3:301-304 My-Je '58 (MIRA 11:7)

1. Iz Respublikanskoy sanitarno-epidemiologicheskoy stantsii  
Chuvashskoy ASSR.  
(MALARIA, prevention and control,  
in Russia (Rus))

LUPPOVA, N.N.; MOROZOVA, Z.A.; SEMUSHKINA, T.V.

Malaria in the Chuvash A.S.S.R. during the final stage of its  
eradication. Med. paraz. i paraz. bol. 32 no.3:267-270 My-Je'63  
(MIRA 17:3)

1. Iz Chuvashskoy respublikanskoy sanitarno-epidemiologiches-  
koy stantsii (glavnnyy vrach K.K. Sidorov).

LUPPOVA, Ye. P.

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SO: U-4393, 19 August 53, (Letopis 'Zhurnal 'nykh Statey', No. 22, 1949).

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SO: U-411, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, No. 22, 1949.)

1. LUPPOVA, E. P.
2. USSR (600)
4. Scale Insects-Tajikistan.
7. Nidus of Comstock's scale in North Tajikistan. Soob. TFAN SSSR No. 24, 1950.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

LUPPOVA, Ye.P.

Chemical and biological methods for controlling Comstock flies.  
Dokl.AN Tadzh.SSR no.2:25-29 '52. (MIRA 9:9)

1.Institut zoologii i parazitologii AN Tadzhikskoy SSR. Predstav-  
lene deystvitel'nym chlenom AN Tadzhikskoy SSR S.I.Fleshko.  
(Tajikistan--San Jose scale)

LUPPOVA, Ye.P.

*Ecology of the shield bug Burygaster intergriceps in Tajikistan.  
Trudy AH Tadzh.SSR 5:23-41 '52. (MLRA 9:10)  
(Tajikistan--Burygasters)*

LUPPOVA, Ye.P.

Ecolegy of the adult stage of the most important malaria carriers in  
Tajikistan. Trudy AN Tadzh.SSR 5:77-86 '52. (MLRA 9:10)  
(Tajikistan--Mosquites)

LUPPOVA, Ye.P.

Dynamics of the number and the gonotrophic cycle of *Anopheles superpictus* Grassi, chief carrier of malaria in Stalinabad. Trudy AN Tadzh.SSR 21:81-97 '54. (MLRA 9:12)

1. Institut zoologii i parazitologii imeni akademika Ye.N.Pavlovskogo Akademii nauk Tadzhikskoy SSR.  
(Stalinabad-- Mosquitoes)

LUPPOVA, E. P.  
USSR / General and Special Zoology. Insects

P

Abs Jour: Ref Zhur-Biol., No 1, 1958, 2126

Author : E. P. Luppova

Inst : The Institute of Zoology and Parasitology of the  
Academy of Sciences Tadzhikistan SSR

Title : Twenty Five Years of Entomological Work in Tadzhiki-  
stan.

Orig Pub: Tr. In-ta zool. i parazitol. AN TadzhSSR, 1955,  
33, 19-46

Abstract: The history of the study of the insects of Tadzhiki-  
stan is described briefly for the years of 1869  
to 1930 and in a more detailed manner for the last  
25 years. Extensive bibliography on the insects of  
Tadzhikistan - 407 names.

Card 1/1

2

LUPPOVA, YE.P.

LOPATIN, I.K.; LUPPOVA, Ye.P.; HARZIKULOV, M.N.; SHCHETKIN, Yu.L;  
ANTOVA, Yu.E.; LINDT, I.I.

"Insects of cotton and alfalfa fields of Uzbekistan." R.A. Alim-  
dzhhanov, TS.G.Bronshtein. Reviewed by I.K.Lopatin and others.  
Zool.shur. 34 no.3:691-694 My-Je '55. (MIREA 8:8)

(Uzbekistan--Insects, Injurious and beneficial) (Cotton--dis-  
eases and pests) (Alfalfa--Diseases and pests) (Alimdzhanov, R.A.)  
(Bronshtein, TS.G.)

LUPPOVA, Ye.P.

Crane flies (Diptera, Tipulidae) of Tajikistan. Izv.Otd.est.nauk AN  
Tadzh.SSR no.13:153-158 '56. (MLRA 9:10)

1.Institut zoologii i parazitologii imeni akademika Ye.N.Pavlevskogo  
Akademii nauk Tadzhikskey SSR.  
(Tajikistan--Crane flies)

USSR / General and Specialized Zoology. Insects. Harmful Insects  
and Acarids. Posts of the Technical, Oil, Medicinal and  
Essential-Oil Cultures.

P

Abs Jour : Ref Zhur - Biol., No 18, 1958, No. 82969

Author : Luppova, E. P.

Inst : Department of Natural Sciences, AS TadzhSSR

Title : Concerning the Fooding Habits of the Cotton Plant  
Pest - the Spider Mite *Tetranychus urticae* C. L. -  
in Tadzhikistan

Orig Pub : Izv. Otd. estestv. nauk AN TadzhSSR, 1957, vyp. 19,  
107-115

Abstract : The ordinary spider mite in Tadzhikistan is recorded  
in 43 species of plants, including some cereal grasses.  
Besides the cotton plant, it seriously damages the  
mulberry tree, the black locust, the ash-leaved maple,  
young cherry trees, lucerne, squash, pumpkins, the garden

Card 1/2

LUPPOVA, Ye.P.

Results of a study of predators on red spiders in southern  
Tajikistan. Izv.Otd.est.nauk AN Tadzh.SSR no.3:47-54 '58.  
(MIRA 13:4)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.  
(Tajikistan--Red spider--Diseases and pests)

PAVLOVSKIY, Ye.N., akademik; LUPPOVA, Ye.P.; MURATOV, Ye.A.;  
NARZIKULOV, M.N.

Boris Veniaminovich Lototskii, 1900-1958; obituary. Izv.Otd.  
est.nauk AN Tadzh.SSR no.3:91-93 '58. (MIRA 13:4)  
(Lototskii, Boris Veniaminovich, 1900-1958)

LJUPPOVA, Ye.P.

Biology of Stethorus punctillum Wse (Coleoptera, Coccinellidae)  
which preys on spider mites in Southern Tajikistan. Trudy AN  
Tadzh.SSR 89:31-38 '58. (MIRA 13:5)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.  
(Red spider) (Tajikistan--Ladybirds)

LUPPOVA, Ye.P.

Neuroptera in the Tigrovaya Balka Preserve. Trudy AN Tadzh.SSR  
115:69-87 '59. (MIRA 15:5)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.  
(Tigrovaya Balka Preserve--Neuroptera)

LUPPOVA, Ye.P.; MALYAVIN, I.S.

Ichneumon flies of the family Ichneumonidae in southwestern  
Tajikistan. Trudy AN Tadzh.SSR 115:89-95 '59. (MIRA 15:5)

1. Institut zoologii i parazitologii AN Tadzhikskoy SSR.  
(Tajikistan—Ichneumon flies)

NARZIKULOV, Makhamedkul Narzikulovich; GILYAROV, M.S., retsenzent; SMIRNOV,  
Ye.S., retsenzent; SHAPOSHNIKOV, G.Kh., retsenzent; LIPPOVA, Ye.P.,  
otv.red.; VINOGRADSKAYA, S.N., red.izd-va; GELLER, S.P., tekhn.red.

[Fauna of the Tajik S.S.R. Vol. 9, no.1. Plant lice (Homoptera,  
Aphididae) of Tajikistan and adjacent republics of Central Asia.]  
Tli (Homoptera, Aphididae) Tadzhikistana i sopredel'nykh respub-  
lik Srednei Azii. Dushanbe, 1962. 271 p. (Akademija nauk Tadzhiks-  
koi SSR. Institut zoologii i parazitologii. Trudy, vol.25. Fauna  
Tadzhikskoi SSR, vol.9, no.1) (MIRA 17:2)

KIVICHENKO, A.N., prof., doktor biol. nauk; NARZIKULOVA, M.N., doktor  
biol. nauk, red.; LUPPOVA, Ye.P., kand. biol.nauk

[Hemiptera (Heteroptera) of Tajikistan] Poluzhantokrylyye  
(Hemiptera-Heteroptera) Tadzhikistana. Dushanbe, Izd-vo  
AN Tadzhik. SSR, 1964. 256 p. (MIR 17:7)

PRAZDNIKOV, Ye.V.; MIKHAYLOVA, I.G.; LUPPOVA, Ye.S.

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an inflammatory focus in man. Antibiotiki 9 no.7:614-616 Jl '64.  
(MIRA 18:3)

1. Kafedra embriologii (zav. ~ prof. B.P. Tokin) Leningradskogo  
universiteta.

60107  
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3869. Estimated of gold as the element.  
Canna and J. Lange [Tech Central Chem. at  
Frustul Mulier, Szczecin, Poland, Germany]  
Anal. Ceram. Chem. Cluj, 1936, 7 (1 p. 25 9)  
Acetamin is used as the source of formaldehyde to  
reduce tetrac gold in HNO<sub>3</sub>, boil to elementary gold  
by boiling with NaOH. H. Sauer

VANGHELOVICI, M.; LUPSA, I.; BILEGAN, C.; MUSTE, A.

Syntheses in the field of oxazolones. V. Condensation of oxazolones with p-aminobenzenesulfonamide, ethanolamine and anesthesine. Studii chim Timisoara 6 no.3/4:103-110 Jl-D '59. (EEAI 10:4)

1. Comitetul de redactie, Studii si cercetari stiinte chimice,  
redactor responsabil adjunct (for Vanghelovici)  
(Oxazolones) (Metanilamide) (Aminoethanol)  
(Benzocaine)

VANGHELOVICI, M., prof.; LUPSA, I.; BILEGAN, C.; MUSTE, A.

Syntheses in the field of oxazolones. VI. Condensation of p-amino-hippuric acid with aromatic aldehydes in the presence of acetic anhydride. Studii chim Timisoara 7 no.3/4:295-302 Jl-D '60.  
(EEAI 10:9/10)

1. Comitetul de redactie, "Studii si cercetari stiinte tenice",  
Timisoara, redactor responsabil adj. (for Vanghelovici).

(Oxazolinone) (Aminohippuric acid) (Aldehydes)  
(Aromatic compounds) (Acetic anhydride)

VANGHELOVICE, M., prof; LUPSA, I.; BILEGAN, C.; MUSTE, A.

Synthesis in the domain of oxazolones. IX. Action of cyclohexylamine and ethylenediamine on oxazolones. Studii chim Timisoaga 8 no. 3/4: 249-254 J1-D '61.

1. Membru al Comitetului de redactie si redactor responsabil adjunct, "Studii si cercetari, Stiinte chimice" (Timisoara) (for Vanghelovici)

RUMANIA

VANGHELOVICI, M., Professor; LUPSA, I.; BILEGAN, C.; VANGHELOVICI, V.;  
HAFFNER, N.; MUSTE, A.

Chemistry Laboratory, Institute of Medicine in Timisoara  
(Laboratorul de chimie, Inst. Med. Timisoara) - (for all)

Timisoara, Timisoara Medicala, No 1, Jan-Jun 63, pp 67-78

"Applications of the Complexometric Method in Performing Clinical  
Laboratory Analyses." (Report presented to the Meeting of  
the Society of Medical Science, Physiology Section, on 24  
October 1962.)

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STEFANESCU, N., dr.; LUPSA, M., dr.

Characteristic radiological aspects of pulmonary hydatid cysts.  
Med. intern. 14 no.6:733-739 Je '62.

1. Lucrare efectuata la Spitalul unificat, Lupeni.  
(LUNG DISEASES) (ECHINOCOCCOSIS)

BORZA, Al.; LUPSA, Viorica

On the Chenopodium wolffii Simk. Studii cerc biol s. bot 16  
no. 4:341-344 '64.

1. Laboratory of Geobotany, Center of Biological Research.

BORZA, Al.; LUPSA, Viorica

Vegetation of the Alba Iulia fortress. Studii biol Cluj 14  
no.1:35-55 '63.

BORZA, Alexandru; LUPSA, Viorica

Taxonomic data on the *Fritillaria orientalis* Adam species.  
Studii biol Cluj 13 no.2:217-220 '62.

l. Academia R.P.R.- Filiala Cluj, Centrul de cercetari biologice.

SECHEL, Vasile, ing.; CAZACU, Iulian; MORARU, Nicolae, ing.; ACHIM, Stelian, ing.; MIHAI, Dumitru, ing.; ANDREI, I.; CURPAN, V.; BOT, Iosif; STROHLI, Ignat; LUPSE, O., ing.; PELICALA, Gh., ing.; TEODORESCU, Dumitru, ing.

Modern technological proceedings in mechanical engineering.  
Probleme econ 18 no.1:154-163 Ja '65.

1. Technical Director, "Tractorul" Plant, Brasov (for Sechel).
2. Chief Planning Engineer, "Tractorul" Plant, Brasov (for Cazacu).
3. Technical Director, "Independenta" Plant, Sibiu (for Moraru).
4. Chief Technologist, "Independenta" Plant, Sibiu (for Achim).
5. Director, Colibasi Plant for Automobile Parts (for Mihai).
6. Director, Metallurgic Plant, Bacau (for Andrei). 7. Chief Engineer, Metallurgic Plant, Bacau (for Curpan). 8. Director, "Unirea" Metallurgic Plant, Cluj (for Bot). 9. Chief Engineer, "Unirea" Metallurgic Plant, Cluj (for Strohli). 10. Chief Metallurgist, "Unirea" Metallurgic Plant, Cluj (for Lupse).
11. Director, "Feroemail" Plant Technical and Sanitary Products and Installations, Ploiesti (for Pelicala). 12. Head of Technical Services, "Feroemail" Plant for Technical and Sanitary Products and Installations, Ploiesti (for Teodorescu).

LUPSF, T.; ATANASIU, A.; ZAKARIAS, L.

Contributions to the problem of improving the system of maintenance of gravel roads. p. 387.

REVISTA TRANSPORTURILOR. (Asociatia Stiinfica a Inginerilor si Tehnicienilor din Romania si Ministerul Transporturilor Rutiere, Navale si Aeriene)  
Bucuresti, Romania, Vol. 6, no. 9, Sept 1959

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Uncl.

ATANASIU, Al., ing.; SELISCHI, N., ing.; LUPSE, T., ing.

Present problems relating to road maintenance. Rev transport  
9 no.5:219-221 My '62.

LUPSKIY, I.A., kand.med.nauk

Clinical aspects and pathogenesis of lupus erythematosus.  
Vest.derm.i ven. no.5:20-22 '61. (MIRA 14:12)

1. Iz kafedry kozhnykh venericheskikh bolezney (zav. - prof.  
V.A. Vedernikov) Arkhangel'skogo meditsinskogo instituta.  
(LUPUS)

LUPPAK, E.

Report on the Conference on Ship Building held in September 1959. p. 37.

JARAUVEK MEGORNAZDASAGI GEPEK. (Gepigraphi Tudomanyos Egyesulet) Budapest, Hungary.  
Vol. 6, no. 11, 1959.

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LUPTAK, Emil; KARLIK, Karol, inz.

Improving the services of chemical cleaning plants. Tech  
praca 7 no.1:55-58 Ja '65,

1. Komunálne služby, Bratislava.

LUPTAK, Erno Istvan

An account of the September 1959 Conference on Shipbuilding.  
Jarmu mezo gep 6 no.11:327-351 '59.

LUPTAK, I.; PAKAN, J.; HANDZO, I.

Contribution to the study of changes in cholinesterase in the course of labor. Bratisl. lek. listy 1 no.11:655-659 '64

1. III. gyn. - por. klinika Lek. fak. University Komenskeho v Bratislave; veduci doc. MUDr. A. Hudcovia.

LUPTAK, Ondrej, inz.

Experiences in the renovation of parts in the Soviet Union.  
Zvaranie 14 no. 3:86-90 Mr '65.

1. Strojstav, Bratislava.

LUPTAK, Ondrej, inz.

Typification of steel structures used in the construction of  
prefabricated element plants and sand-gravel plants. Inz stavby  
12 no.4;148-153 Ap '64.

1. Strojstav National Enterprise, Bratislava.

LUPTAK, Ondrej, inz.

Crane track welding. Zvaranie 11 no.8:241-243 Ag '62.

l. Strojstav, n.p., Bratislava.

LUPTAK, Stanislav, inz.

Production and organization concept of woodworking combines.  
Drevo 20 no.2:49-54 F '65.

1. Bucina National Enterprise, Zvolen.

LUPTAKOV, A.Ya., student; TSFAS, B.S., dotsent, nauchnyy rukovoditel'  
raboty

Using the model of the tank in determining the volume of a  
fluid in a cylindrical horizontally laying tank with spherical  
bottoms in case of a partial filling of the tank with fluid.  
Shor.dokl.Stud.nauch.ob-va Fak.nekh.sel'.Kuib.sel'khoz.inst.  
no. 1:17-22 '62. (MIRA 17:5)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.

ARTYUSHIN, A.A., student; LUPTAKOV, A.Ya., student; TSFAS, B.S.,  
dotsent, nauchnyy rukovoditel' raboty

Precision of the determination of the volume of a fluid in  
a cylindrical horizontally laying tank with spherical bottoms  
in case of a partial filling of the tank with fluid. Sbor.  
dokl. Stud. nauch. cb-va Fak. mekh. sel'. Kuib. sel'khoz. inst. no. 1:  
23-26 '62. (MIRA 17:5)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.

SYKORA, F.; LUPTAKOVA, H.

On the status of tuberculosis in children in Slovakia. Bratisl.  
lek. listy 45 no.3:129-135 15 F '65.

1. Ustav tuberkulozy v Bratislave (riaditeľ :MUDr. J. Markovic).

MEDVEDEV, G.S., kand. biol. nauk, red.; LUPTSOVA, A.N., kand.  
biol. nauk, red.; NASIBOVA, S.G., red.

[Insects of the lower Murgab Valley (southeastern Turkmenia);  
fauna, ecology, economic significance] Nasekovye nizovii  
Murgaba (IUgo-Vostochnaia Turkmenia); fauna, ekologija, kho-  
ziaistvennoe znachenie. Ashkhabad, Turkmenskoe izd-vo, 1965.  
(MIRA 18:6)  
145 p.

1. Akademija nauk Turkmenskoy SSR, Ashkhabad. Institut zoolo-  
gii i parazitologii. Sektor entomologii.

*Lupu H.*  
JUVĂRA, I.; GATOSCHI, Gh.; LUPU, A.; PRISCU, Al.

Clinical and radiological study of biliary, duodenal and pancreatic disorders after the Reichel-Polya type of gastropyloromy. Probl. ter., Bucur. 2:7-31 1955.

- I. Institutul de terapeutica al Academiei R.P.R., Sectia de chirurgie, spitalul Coltea si clinica a V-a chirurgicala.  
(STOMACH, surg.  
gastropyloromy, postop. biliary, duodenal & pancreatic disord.)  
(BILIARY TRACT, dis.  
dysfunct. caused by gastropyloromy & postop. dystonia)  
(DUODENUM, dis.  
postop. dystonia & dysfunct. caused by gastropyloromy)  
(PANCREAS, dis.  
(same))

LUPU, A.

RUMANIA/Human and Animal Physiology - Liver.

v-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, 4087

Author : R. Barbu, N. Enescu, A. Lupu, H. Maier, M. Saragea,  
N. Sterescu, H. Szopp

Inst : -  
Title : An Experimental Study of the Biliary Function of the  
Liver after Resection of the Stomach.

Orig Pub : Med. interna, 1957, 9, No 2, 220-230

Abstract : Surgical resection of the stomach in dogs changed the  
mechanism of bile evacuation into the intestine.  
These modifications in the evacuation of bile were  
depending on changes in bile secretion by hepatic cells,  
changes in the bile bladder (atonia) and a prolonged re-  
laxation of Oddi's sphincter.

Card 1/1

LUPU, A.

✓ The effect of temperature and carbon content in the pyrometallurgy of zinc. Al. Lupu and Fl. Oprea, *Arad. rev. populare Române. Ed. min., Sect. fizico-tec. si chim.*, 6, 1-31 (1964) (French summary).—The effect of temp. (1100-1300°) and C content (20-50%) on the course of the reduction of ZnO with CO was studied in the lab. with a variety of coke. Highest conversions (90-8%) and bear rates (4-5 hrs.) were obtained at 1200° and 60% C. In pilot as well as plant operation the position of the reactor has some effect on the conversion. — Gary Geraud

2

2f

Lupu, Al.

137-1958-1-461

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 71 (USSR)

AUTHORS: Lupu, Al., Boyandzhiev, Anna

TITLE: Hydrometallurgical Recovery of Nickel from the Ores of the Rumanian People's Republic (Izvlecheniye nikelya gidrometallurgicheskim sposobom iz rud RNR)

PERIODICAL: Zh. metallurgii, 1956, Vol 1, pp 73-100

ABSTRACT: A method of hydrometallurgical recovery of Ni from the lean ores of the Rumanian People's Republic (0.2 - 0.3% Ni) is described. The ammonia method of recovering Ni from its ores (serpentines) resolves itself to reduction by heat of the finely ground serpentine at 620-650° and leaching by an ammonia solution of the following composition: 15% NH<sub>3</sub>, 6.5% (NH<sub>4</sub>)<sub>2</sub>CO<sub>3</sub>, the reaction being:

$$\text{NiO} + 2\text{NH}_4\text{OH} + (\text{NH}_4)_2\text{CO}_3 \rightarrow \text{Ni}(\text{NH}_3)_4 + 3\text{H}_2\text{O}$$

(Transl Ed Note: The original Russian typesetting of this equation appears inconsistent). Leaching is performed at room temperature and continues for eight hours with constant agitation. The resultant solutions contain the Mg<sup>2+</sup> and Ni<sup>2+</sup> cations in the form of ammonia complexes; Mg may also be recovered in processing serpentines, with an attendant reduction in the cost of Ni recovery.

Card 1/2

137-1958-1-461

Hydrometallurgical Recovery of Nickel (cont.)

1 ton of serpentine yields 0.8 - 1.1 kg Ni and 0.5 - 0.54 kg MgO. The ammonia method possesses a number of advantages: low consumption of reagents, an end product with a high Ni content (40 - 60% Ni), and a low power requirement (500 - 1000 kwh per ton of Ni)

O.B.

1. Nickel ores--Processing--Analysis    2. Nickel--Production

Card 2/2

Hydrometallurgical extraction of nickel from Roumanian ores.  
A. Lupu and A. Boiangiu (*Rev. Metal.*, Bucharest, 1956, 1, 77-106).  
The ammoniacal process for separation of Ni from serpentines  
(of Ni content 0.17-0.21%) was studied and the influence of the  
main operating factors examined. The highest separation efficiency  
was obtained under the following conditions: granulation of ore,  
4900 meshes/sq cm., reduction temp. 600-650°, reduction period,  
8 hr; concn. of lixiviating solution 174 g/l NH<sub>3</sub> and 30 g/l CO<sub>2</sub>,  
solid/liquid ratio, 1/2; time of lixiviation with mechanical agitation,  
8 hr [11 references].

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18 27 27 18

✓ Extraction of niobium and tantalum from Roumanian minerals  
A. Lupu and L. Grigorev (Soviet Cerc. Metal., 1956, 1,  
291-303).—A concentrate containing 46.55% Nb<sub>2</sub>O<sub>5</sub> and 29%  
Ta<sub>2</sub>O<sub>5</sub> was obtained and the residues extracted.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001030910013-3

*[Signature]*  
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APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001030910013-3"

LUPU  
LUPU A.

RUMANIA/Chemical Technology - Chemical Products and Their Application. Chemico-Technological Problems of Nuclear Engineering. H-1

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 1857

Author : Lupu A., Dinescu M.

Inst : -

Title : Recovery of Beryllium Oxide from Local Ore

Orig Pub : Rev. Chim., 1957, 8, No 1, 11-14

Abstract : BeO is extracted by the sulfate method from local ore which contains (in %): BeO 10.5, SiO<sub>2</sub> 65.5, Al<sub>2</sub>O<sub>3</sub> 18.2, MgO 1.2, Fe<sub>2</sub>O<sub>3</sub> 1.13, CaO 0.98 and traces of Na<sub>2</sub>O and K<sub>2</sub>O. The mixture consisting of 500 g ore and 250 g CaO is comminuted, fused in a graphite crucible at 1400-1450°, after which it is granulated by pouring into cold water. The product is ground in a ball mill to a particle size corresponding to a screen of 1600 apertures/cm<sup>2</sup>; 320 g of the resulting material are treated with 63%

Card 1/3

RUMANIA/Chemical Technology - Chemical Products and Their  
Application. Chemico-Technological Problems of Nuclear  
Engineering. H-1

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 1857

$H_2SO_4$  with stirring, after which it is diluted and leached by addition of 50-60 cc water. After 2 hours 600 cc of additional water are added and the warm solution is filtered; the filter cake weighing 250 g consists of  $SiO_2$  and  $CaSO_4$ . The filtrate, of specific gravity 1.12, is evaporated to a specific gravity of 1.32; the solution has the following composition (in g/liter):  $BeO$  22.4,  $Al_2O_3$  34.56,  $Fe_2O_3$  2.95. By addition of  $(NH_4)_2SO_4$  crystalline ammonium alum is precipitated, which is separated by filtration and centrifugation. The content of  $BeO$  in the alum does not exceed 0.2-0.4%. The Fe in the solution is oxidized by addition of 4-5 ml  $H_2O_2$  (5%) and is precipitated with 94 g  $CaCO_3$  at pH 3.8-4.2. The solution is filtered to separate Fe and  $CaCO_3$  which are washed with warm water. The filter cake weighs 130 g and contains 1.2-1.6%  $BeO$ . The filtrate,

Card 2/3

RUMANIA/Chemical Technology - Chemical Products and Their  
Application. Chemico-Technological Problems of Nuclear  
Engineering H-1

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 1857

which contains practically only  $\text{Be}(\text{SO}_4)_2$ , is concentrated and treated with  $\text{NH}_3$  to precipitate Be. The solution and precipitate are filtered and the  $\text{Be}(\text{OH})_2$  filter cake is dried at  $100^\circ$ . Thus, 39 g of dry  $\text{Be}(\text{OH})_2$  are obtained. After drying the filter cake is calcined at  $900^\circ$  for one hour. The product so obtained has the following composition: (in %):  $\text{BeO}$  99.4- 99.5,  $\text{Al}_2\text{O}_3$  0.01-0.02,  $\text{Fe}_2\text{O}_3$  0.13-0.15,  $\text{SiO}_2$  0.2,  $\text{CaO}$  0.18. The method makes it possible to recover 87-90%  $\text{BeO}$  from the ore. The total time required to effect the recovery is 10.5 hours. The filtration takes place very rapidly, and lasts on the average 10-15 minutes.

Bibliography 12 references.

Card 3/3

COUNTRY : Rumania B-8  
CATEGORY : Physical Chemistry--Thermodynamics. Thermochemistry. Equilibria. Physicochemical analysis.\*  
ABS. JOUR. : RZhKhim., No. 21 1959, No. 74192

AUTHOR : Lupu, A., Grugoriu, L., and Radu, S.  
INST. : Romanian Academy of Sciences  
TITLE : Investigation of the Mechanism and Kinetics of the Oxidation of Zinc Sulfide

ORIG. PUB. : Studii si Cercetari Metalurgie Acad RPR, 3, No 4, 477-490 (1958)

ABSTRACT : A theoretical discussion of the oxidation of the oxidation of ZnS is given together with calculated values for the free energy change of the various possible reactions:  
 $ZnS + 1.5O_2 = ZnO + SO_2$   
 $\Delta F_T^\circ = -107,085 + 22,8479 + 1.3695 \cdot 10^{-3} T^2 - 0.23075 \cdot 10^{-6} T^3 - 1.7684 T \log T + 0.9615 \cdot 10^5 T^{-1}$   
(T = 500-1,173°K)

CARD: 1/7 \* Phase transitions.

COUNTRY	:	Rumania	
CATEGORY	:		B-8
ABSTRACT JOUR.	:	RZKhim., No. 21 1959, No.	74192
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	$ZnS + \frac{1}{2}O_2 = ZnSO_4$ $\Delta F_T^\circ = -184,293 + 61.9477T - 5.523 \cdot 10^3 T^2 -$ $0.3077 \cdot 10^{-6} T^3 + 17.9982 T \log T - 0.973 \cdot$ $10^5 T$ ( $T = 500-1,013^\circ K$ )	
		$ZnS + ZnSO_4 = 2Zn + 2SO_2$ $\Delta F_T^\circ = 139,746 - 105.3912T + 5.461 \cdot 10^{-3} T^2 +$ $3.2469 \log T + 1.072 \cdot 10^5 T^{-1}$ ( $T = 500-692.5^\circ K$ )	

CARD: 2/7

COUNTRY :	Rumania	B-8
CATEGORY :		
ABS. JOUR. :	RZKhim., No. 21 1959, No.	74192
AUTHOR :		
TEXT :		
TITLE :		
ORIG. PUB. :		
ABSTRACT :	$\Delta F_T^{\circ} = 156,806 - 192.1711T + 3.561 \cdot 10^{-3} T^2 - 23.928 \cdot 10^5 T^{-1} + 27.4241T \log T$ (T = 692.5-1,180°K)	
	$\Delta F_T^{\circ} = 202,242 - 167.5918T + 8.161 \cdot 10^{-3} T^2 + 1.072 \cdot 10^5 T^{-1} + 4.53608T \log T$ (T = 1,180-1,400°K)	
	ZnS + 2ZnO = 3Zn + SO	
	$\Delta F_T^{\circ} = 147,340 - 111.4681T - 2.832 \cdot 10^{-3} T^2 - 1.7745 \cdot 10^5 T^{-1} + 19.4801T \log T$ (T = 500-692.5°K)	
CARD:	3/7	

COUNTRY	: Rumania	B-8
CATEGORY	:	
ABG. JOUR.	: RZKhim., No. 21 1959, No.	74192
AUTHOR	:	
INST.	:	
TITLE	:	
ORIG. PUB.	:	
ABSTRACT	$\Delta F_T^{\circ} = 149,354 - 69.1937T + 3.3159T\log T - 1.7745 \cdot 10^5 T^2$ $(T = 692.5-1,180^{\circ}\text{K})$ $\Delta F_T^{\circ} = 243,506 - 205.5149T + 21.4142T\log T - 1.7745 \cdot 10^5 T^2$ $(T = 1,180-1,400^{\circ}\text{K})$ $\text{Zn} + 0.5\text{O}_2 = \text{ZnO}$ $\Delta F_T^{\circ} = -34,140 + 4.63T\log T + 0.69 \cdot 10^{-3} T^2 + 0.44 \cdot 10^5 T^{-1} + 37.47T$	
CARD:	4/7	

COUNTRY	:	Rumania	B-8
CATEGORY	:		
ABS. JOUR.	:	AZKhim., No. 21 1959, No.	74192
AUTHOR	:		
TYPE	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	(T = 500-692.5°K) $\Delta F_T^{\circ} = -84,740 + 0.76T\log T - 0.39 \cdot 10^{-3} T^2 + 0.44 \cdot 10^5 T^{-1} + 23.77T$ (T = 692.5-1,180°K) $\Delta F_T^{\circ} = -115,640 - 5.23T\log T - 0.66 \cdot 10^{-3} T^2 + 0.44 \cdot 10^5 T^{-1} + 68.35T$ (T = 1,180-1,400°K) $3ZnSO_4 = 3ZnO \cdot 2SO_3 + SO_2$ $\Delta F_T^{\circ} = 71,700 + 1.8T\log T - 73.6T$	
CARD:	5/7		

COUNTRY	:	Rumania	B-8
CATEGORY	:		
ABS. JOUR.	:	RZKhim., No. 21 1959, No.	74192
AUTHOR	:		
INST.	:		
TITLE	:		
ORIG. PUB.	:		
ABSTRACT	:	(T = 500-1,400°K)	
$3\text{ZnO} \cdot 2\text{SO}_3 = 3\text{ZnO} + 2\text{SO}_2$ , $\Delta F_T^\circ = 101,640 + 7.0T\log T - 130.0T$ (T = 1,013-1,400°K)			
Values of $\Delta F_T^\circ$ and $\log K_p$ for the above-indicated reactions have been calculated and tabulated for the temperature range 500-1,400°K. The effect of temperature (550-950°C) and of heating time (5-240 min) on product composition has been investi-			
CARD: 6/7			

32

COUNTRY : Romania  
CATEGORY :

B-8

ABS. JOUR. : RZKhim., No. 21 1959, No.

74192

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : gated experimentally. A concentrate containing 59.2% Zn, 3.05% Pb, 2.1% Fe, and 31.9% S was investigated. The results obtained are presented in the form of curves giving the Zn [content?] (in %) as a function of the time. The experimental data show that the oxidation of ZnS proceeds via the formation of ZnSO<sub>4</sub> as a primary product. The reaction is accompanied by the formation of primary and secondary sulfate and the oxidation of metallic zinc.

A. Zolotorevskiy

CARD: 7/7

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2 May  
10

Distr: bE2c(j)

7

✓ Transesterification of dimethyl terephthalate with ethylene glycol. R. Mihail, R. Istratiu, Al. Lupu, and E. Goreanu. Acad. rep. populare Române, Studii Cercetări chim., 6, 101-83(1958). The rate of the title reaction was dependent on the temp. and on the nature and concn. of the catalysts. The optimum reaction proceeded at 200°, catalyzed by metallic oxides and salts of Zn, Cd, Co, Ni, Na, and U in the concn. range of 0.14-0.28%. From the calcn. of the rate const.  $k$ , the reaction order is suggested as being fractional and the transesterification as a sum of simple processes.

J. Serrall

MAY  
11

J.S.

LUPU, A.

SCIENCE

Periodicals: REVISTA DE CHIMIE. Vol. 9, no. 9, Sept. 1958

LUPU, A. Electrosolytic refining of lead. p. 490

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,  
February 1959, Unclass.

LUPU, A. ; GRIGORLU, L.

Study on the pelletization of plumbous concentrates. p. 337.

Academia Republicii Populare Romane. STUDII SI CERCETARI DE METALURGIE.  
Bucuresti, Rumania. Vol. 4, No. 3, 1959

Monthly List of East European Accessions (EEAL) LC Vol. 9, No. 2, January 1960

Uncl.

LUPU, A.

✓ The utilization of methane gas in metal reduction processes. Al. Lupu (Nouerous met. lab., Polytech. Inst., Bucharest, Romania). Acad. rep. populară România, Studii cercetări met. 4, 561-80(1959).—The thermodynamic properties of CH<sub>4</sub> and other chem. compds., the general utilization of reductors in the gaseous state in metallurgical processes, the chem. reactions occurring in the reduction of metal oxides by means of CH<sub>4</sub> and other reductors, their thermodynamics under various conditions, and the free energies were calcd. by use of new data. CH<sub>4</sub> is an active reductor in reduction processes of metal oxides; at 900° a powerful dissociation of the CH<sub>4</sub> yields C and H, which are themselves active reductors, as well as the CO formed. The H<sub>2</sub>O vapor and CO<sub>2</sub> do not react as oxidizing agents with the metal, because of their reaction with the solid C, forming again CO and H. Thus, CH<sub>4</sub> can be employed under certain conditions in all processes which employ solid or gaseous reductors for the extn. of metals from minerals and slags. 73 references.  
M. Ben Effer

3  
1-jag/ng

jii  
and

S/081/62/000/019/040/053  
B101/B180

AUTHORS: Mihail, Raul, Lupu, Alexandru, Descălu, Ludmila

TITLE: Method of polymerizing and copolymerizing alpha cyano-acryl derivatives

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 19, 1962, 543, abstract 19P290 (Rumanian patent 41326, October 10, 1960)

TEXT: A method is suggested for producing easily processed homogeneous products by polymerizing  $\alpha$ -methyl,  $\alpha$ -ethyl, or  $\alpha$ -butyl cyano-acryl derivatives in aqueous or alcoholic emulsion, with or without initiators; and also by copolymerizing these derivatives with polymerizable monomers of the acrylonitrile, styrene, vinyl acetate, methyl methacrylate, etc. type. Example: 360 g distilled water, 1 g sulfonated fatty alcohol (emulsifier), and 3 ml 30 %  $H_2O_2$  (initiator) are poured into the reaction vessel. The mixture is heated to  $65^{\circ}C$  for 1 hr, stirring all the time. Another 3 ml  $H_2O_2$  and 25 g monomer ( $\alpha$ -methyl,  $\alpha$ -ethyl, or  $\alpha$ -butyl cyano acrylate) are gradually stirred in, and the reaction continues at  $65^{\circ}C$  for 3 hrs. The polymer is obtained as a white precipitate which is filtered off in Card 1/2

Method of polymerizing and ...

S/081/62/000/019/040/053

B101/B180

vacuo, washed with  $\text{CH}_3\text{OH}$ , and dried. The yield is 96 %. The polymer obtained is easy to roll or mold. A second advantage of this method is the possibility of obtaining high-molecular polymers. [Abstracter's note: Complete translation.]

Card 2/2

Distr: 4E2c(j)

✓ Problems in the manufacture of poly(vinyl alcohol) fibers, <sup>1</sup>Alexandru Lupu, Virgil Cobanu, Eleat. Maritan, Florica Butaciu, and Alecu Cioanet (Inst. for Chem. Res., Bucuresti, Romania). *Faserforsch. u. Textiltech.*, 17, 13-18 (1966).—The relations between certain manufg. operations and the properties of the resulting fibers were studied. The increase in viscosity of the pptg. bath with increasing concn. is sharpest in the 18-20% concn. range. Filterability decreases with increasing polymer concn. The viscosity decreases sharply with increasing temps. in the 20-50° temp. range and slowly at higher temps. Na<sub>2</sub>SO<sub>4</sub> has high coagulating efficiency; however, to achieve a homogeneous coagulation throughout the entire fiber cross-section, the addn. of 20-30% ZnSO<sub>4</sub> is necessary; this will somewhat reduce the efficiency of Na<sub>2</sub>SO<sub>4</sub>. To avoid the crystn. of the salts the temp. of the pptg. bath must be kept between 40 and 45°. (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> will ppt. the poly(vinyl alc.); however, owing to its low efficiency, additives will serve no useful purpose. Baths contg. ZnSO<sub>4</sub> only will cause no pptn. even at high concns. Owing to the fact that the solv. of NaCl in water is limited, this salt is not practicable for use as coagulant. Acetone, cyclohexanone, EtOH, MeOH, AcOEt, and cyclohexanol also have coagulating ability; however, to a much

lower extent than inorg. salts. The solv. of poly(vinyl alc.) fibers in mild. salt soins. (used for the rinsing of the freshly ptd. fiber) is lowest with low concnts., at low temp., and with contact periods not exceeding 1-2 min. The solv. of the fiber in water increases with increasing temp. and (or) increasing exposure duration and decreases with an increasing degree of stretch in the fiber. During heat-setting the initial crystallinity of the fiber will increase from 40-50% to 70-80%; this causes a redn. in shrinkage and hot-water solv. The degree of acetalization, under identical acetalizing conditions, depends upon the crystallinity of the fiber. The acetalization is considered to be confined to the fiber surface and to the amorphous portions only. Conversely, the

degree of acetalization can be used to establish the degree of crystallinity. Heat-setting in the relaxed condition causes a higher degree of crystallinity than setting under stress. Max. crystallinity is achieved by presetting at lower temps. (160-60°) followed by setting at higher temps. (220-30°) without stress. Fibers with a high (50-65%) degree of acetalization and a low degree of crystallinity show the highest shrinkage in hot water, while fibers in which only 1/3 of the OH groups are acetalized will not shrink even at a high degree of crystallinity.

O. J. Bewley

5,3832 also 2109

83521

R/003/60/011/005/017/023

A125/A026

AUTHORS: Lupu, Alexandru; Coman, M.

1

TITLE: The Polymerization of Acetaldehyde on Thorium Oxide and Silicium-Alumina

PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 5, pp. 298 - 299

TEXT: The first polymerization of acetaldehyde has been performed by M. Letort. The Japanese researchers J. Furukawa and T. Saegusa recently presented a polymerization method at high temperatures. Subject article presents the results of the polymerization of acetaldehyde with catalysts other than alumina according to F.A. Bovey and R.C. Wands. The authors studied the polymerization of acetaldehyde under the catalytic action of silicium-alumina and thorium oxide. The silicium-alumina had a 90% content of silicium and 10% of alumina, pH = 6, spherical granules, 3 mm in diameter. The thorium oxide was prepared by calcining thorium nitrate at 600°C. Polymers of different molecular weight were obtained in function of the nature of the catalyst used. Silicium-alumina and thorium nitrate catalyzed the reaction of the acetaldehyde polymerization, supplying white, rubber-like solid polymers of high molecular weight, soluble in

Card 1/2

83521  
R/003/60/011/005/017/023  
A125/A026

The Polymerization of Acetaldehyde on Thorium Oxide and Silicium-Alumina

acetone and methylethylketone (butanone). The induction period of the polymerization reaction has been reduced to 3 - 4 h. The polymerization is especially influenced by the introduction speed of the acetaldehyde vapors. The polymerization of liquid acetaldehyde led to the production of only liquid polymers. The polymer is characterized by the determination of the molecular weight in methyl-ethylketone (butanone) at 28°C. The viscosity was determined and the molecular weight computed by the formula:  $[\eta] = 3.36 \cdot 10^{-4} M^{0.65}$ . There is 1 table.

ASSOCIATION: Institutul de Cercetări Chimice (Chemical Research Institute) in Bucharest

Card 2/2

LUPU, Alexandru; GRIGORIU, Laura

Use of methane in the process of metal reduction.III. Reduction  
of lead oxide with methane. Studii cerc metalurgie 6 no.4:451-  
474 '61.

1. Institutul politehnic Bucuresti, Laboratorul de metalurgie  
neferoase.

LUPU, Al., prof. ing.; BRODMAN, D., ing.

Extraction of nickel as ferronickel from the serpentines of  
Rumania. Pt.1. Rev chimie Min petr 12 no.7:379-386 Jl '61.

OLTEANU, Gh., dr., candidat in stiinte veterinare; CIRONEANU, I., dr.; CRISTESCU, M., dr.; ALMASAN, H., biolog, candidat in stiinte biologice; SIRBU, E., dr.; LUPU, A., dr.; NESTEROV, V., dr.

Trichinellosis in domestic and wild animals in the Rumanian People's Republic. Microbiologia (Bucur.) 10 no.3:257-264  
My-Je '65.

STOICA, Rodica; LUPU, Angela

Superior alkylamines from acids resulting from the oxidation of paraffinic hydrocarbons. Rev chimie Min petr 14 no.3:137-140 Mr '63.

GIURGEA, Margareta, prof. dr.; MIHAITA, Ileana, chim.; LUPU, Adelina, asist.  
univ.; SEBESTYEN, Lia, chim.

Spectrophotometric determination of tanning substances in  
vegetable tanning extracts. Industria usoara 11 no.1:6-7  
Ja '64.

GIURGĂA, Margareta, prof. dr.; MIHAITA, Ileana, chim.; IUPU, Adelina, fiz.;  
SEBESTYEN, Lia, chim.

Results on the possibility of spectrophotometric quantitative  
analysis of tannins in mixture. Industria uscărată 10 no.11:  
478-481 N '63.

LUPU A.

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The modification of properties of synthetic fibers.  
Lupu, Industria Textila (Bucharest) 6, 182-7(1955). The CH  
latest trends in copolymerization and heat-treatment in the  
synthetic textile field are mentioned. A. Halasz

LUPU, A.

LUPU, A. Polyester synthetic fibers. P. 471.

Vol. 7, No. 10, October 1956

INDUSTRIA TEXTILA

TECHNOLOGY

Bucuresti

So: East European Accession, Vol. 7, No. 3, March 1957

Card:

H-32

Country : Rumania

Category :

48062

Abs. Jour. :

Author : Lupu, A.; Balalau, A.; Ionescu, M.

Institut. :

Title : Some View Concerning the Reaction Mechanism of Xanthogenation of Alkali Cellulose Utilized in the Viscose Industry.

Orig. Pub. : Celuloza hirtie, 1957, 6, No 9, 296-298

Abstract : Description of the results of studies of the reaction mechanism of xanthogenation of alkali cellulose. Determinations were made of changes in the extent of esterification of cellulose xanthate with lapse of time, in particular depending upon addition of NaOH solution to the reaction system, effected after certain lengths of time following the beginning of the reaction. To determine the degree of esterification -- the value of  $\chi$ , use was made of the acidimetric method of Kruger. The data obtained have shown that the advantage of xanthogenation of alkali cellulose with an emulsion, resides essentially in an acceleration

Card: 1/2

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Applications. Artificial and Synthetic Fibers.

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Abs Jour : R Zh Khim., No 12, 1959, No 44554

Author : Lupu, ...  
Inst : Not given  
Title : Accelerated Methods of Producing Viscose Rayon from different Celluloses. I, II. Accelerated Method of Producing Viscose Rayon from Spruce Cellulose. III. Accelerated Method of Producing Viscose Rayon from Beech and Reed Cellulose.  
Orig Pub : Ind. textila, 1958, 9, No 1, 19-21; No 2, 51-55; No 3,  
          97-100

Abstract : None given.

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AUTHORS: Lupu, Alex. and Opris, M.

TITLE: Polyesters With Pyridine Nucleus in the Macromolecular Catena

PERIODICAL: Revista de Chimie, 1959, Vol 10, Nr 10, pp 607-609

ABSTRACT: The production of polyester fibers<sup>15</sup> based on terephthalate polyethylene is rapidly increasing due to the remarkable properties of this type of synthetic fiber in spite of the fact that these fibers also have many disadvantages. Pertinent literature refers to only one patent with polyesters of heterocyclic pyridine and this does not indicate the synthesis and properties of the polymers obtained. The results obtained by experiments showed that the presence of the pyridine nucleus in the macromolecular polyesters reduced their crystallinity, a fact emphasized by the decrease of their melting temperature. ✓  
Table 7 indicates data on the solubility of the

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